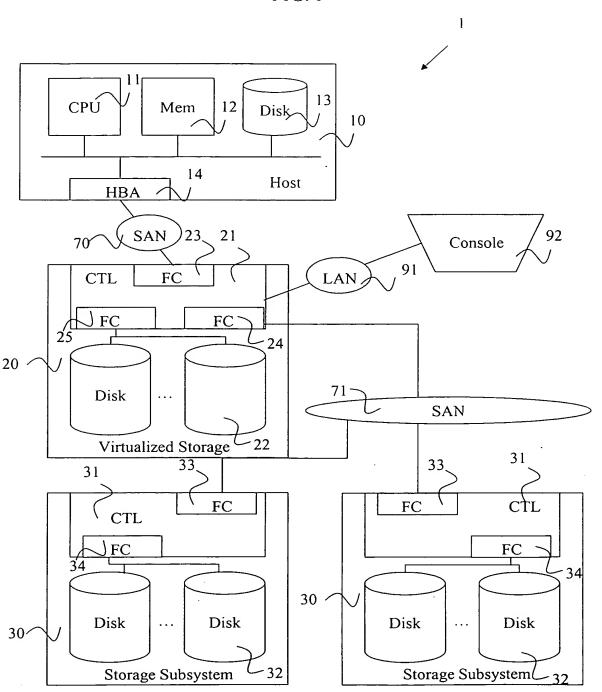
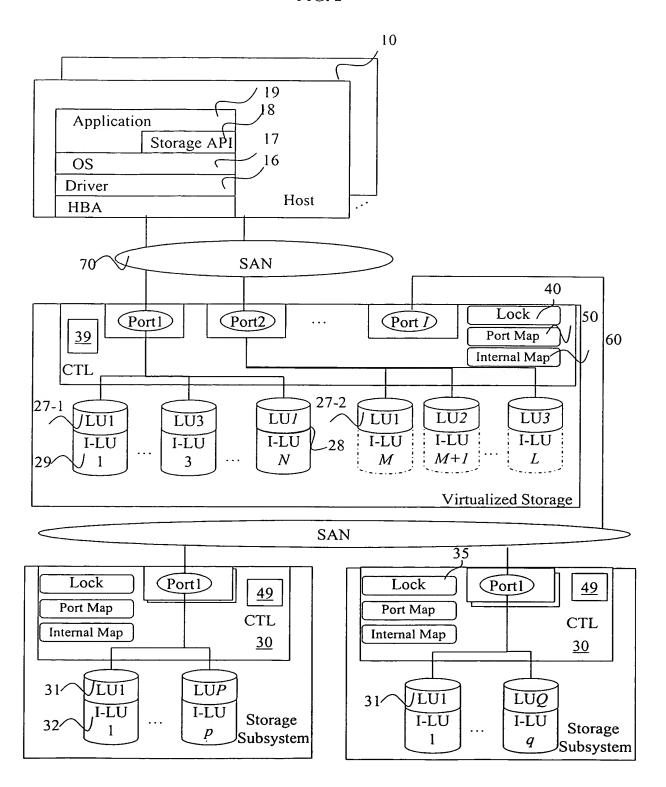
Steve Y. Cho, Reg. No. 44,612, (650) 326-2400
Titled: Method and Apparatus for Multistage Volume Locking
Inventor: Yoshiki Kano Filed: March 29, 2004
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FIG. 1



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FIG. 2



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FIG. 3A

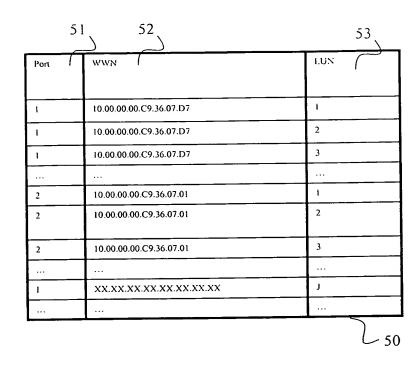


FIG. 3B

		G. 3D		
	61	62)	63
Internal LUN	WWN for St	orage Subsystem	External LUN	7
\wedge	-		-	
$\sqrt{I^2}$	-		-	
N			-	
· · · · · · · · · · · · · · · · · · ·				
M	10.00.00.00.	C9.36.07.AD	0	
M+1	10.00.00.00.	C9.36.07.AD	1	
√ N	10.00.00.00.	C9.36.07.AD	2	
√ L	10.00.00.00	C9.36.07.EC	Q	

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	41	42	43
	Internal LUN	Permission	Remain retention time
45	J ı	Read-only	6 year
45 47	1 2	Read-only	Forever
	N	Read/Write	-
		••••	
	М	•	-
	M+1	-	-
	N	•	•
	L	- -	-
•			L 40

FIG. 3C

17	172	173 \
	کے ک	
Port	wwn	LUN
0	10.00.00.00.C9.36.07.AD	0
0	10.00.00.00.C9.36.07.AD	1
0	10.00.00.00.C9.36.07.AD	2
1	10.00.00.00.C9.36.07.EC	Q

FIG. 4A

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FIG. 4B

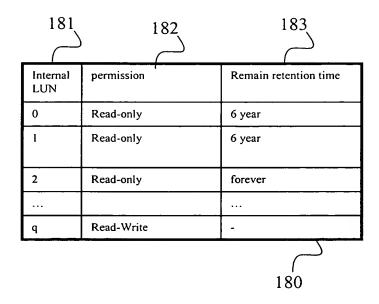
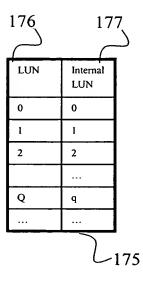
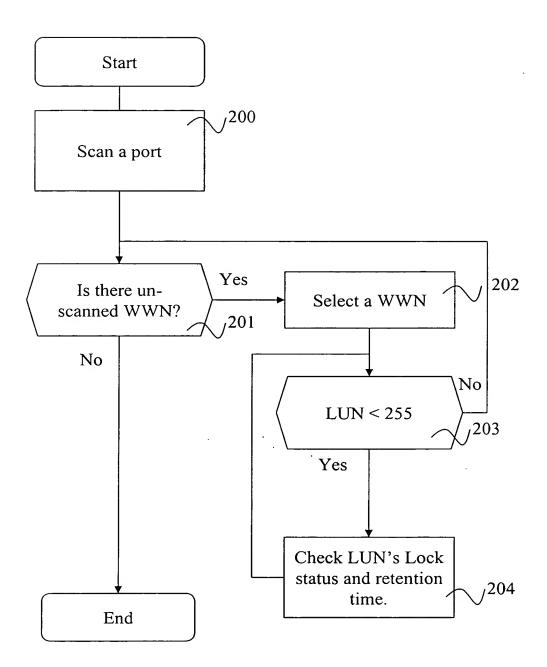


FIG. 4C



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FIG. 5



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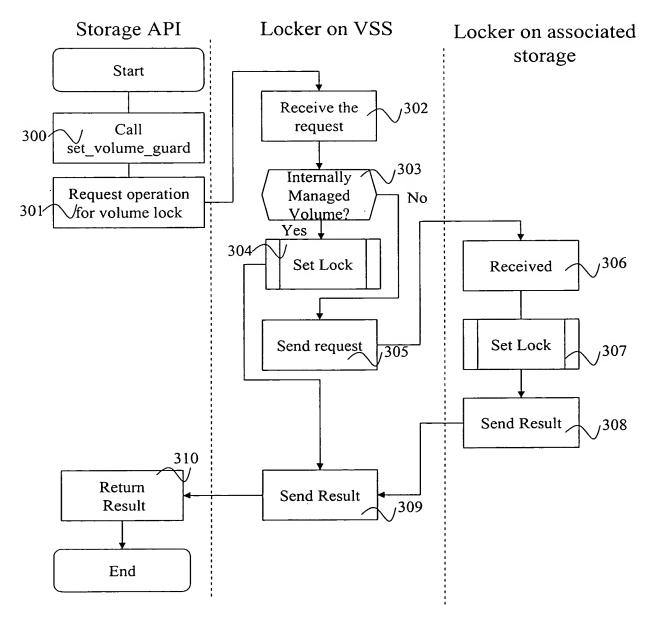


FIG. 6

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Inventor: Yoshiki Kano Filed: March 29, 2004
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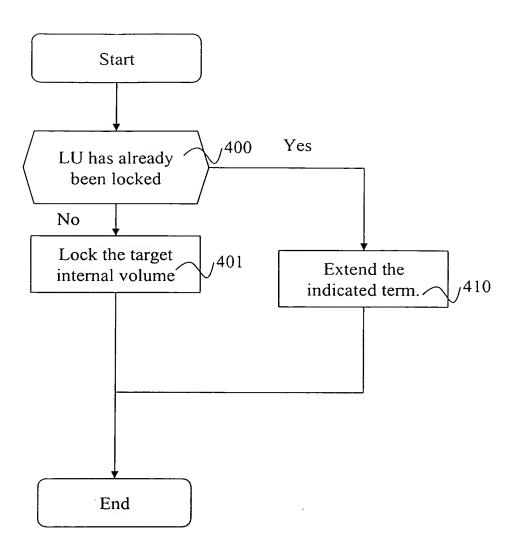
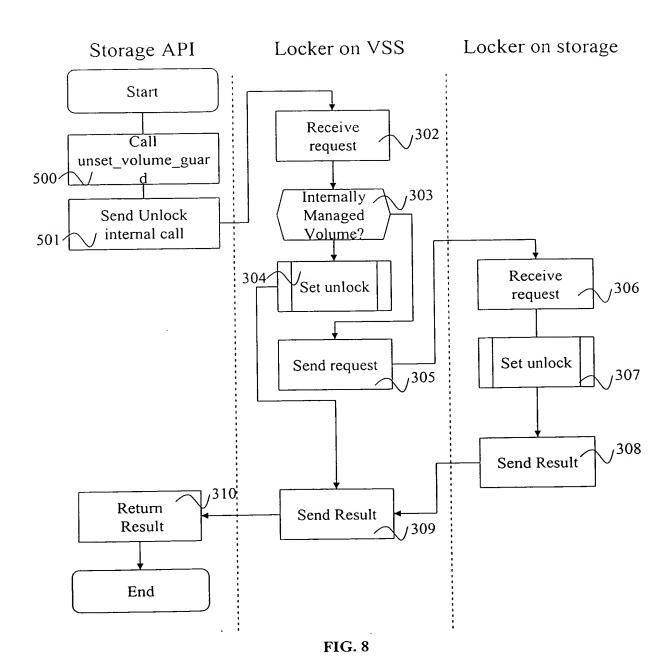


FIG. 7



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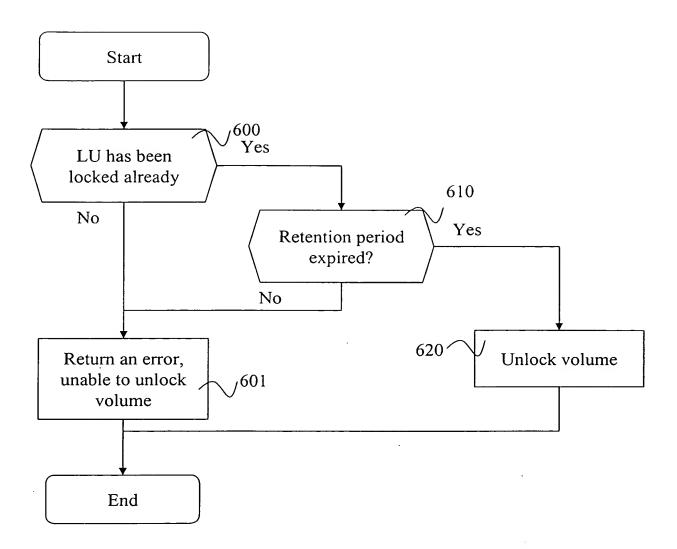


FIG. 9